# INDEX TO VOLUME 115

#### A

Abdominal (Interinnomino) Amputation, 435; Surgery, The Problem of Intestinal Gases Complicating, 921

Abducens Nerve (VI) Paralysis Following Spinal Anesthesia, 864.

Aberrant Thyroids, Lateral, 161.

Abscess of Uncommon Origin, Brain: Relation to Osteomyelitis of the Skull, 336; The Effect of the Sulfonamides on the Prevention of Experimental Brain, 39; With Special Reference to Operative Handling of—Appendiceal Peritonitis, 228.

Acoustic Tumors, 849.

Action of Roentgenotherapy upon Infection. The Mechanism of, 996.

Activities of Division of Professional Service, Report on, 892,

Acute Hematogenous Osteomyelitis, 790.

Adams, E. Lawrence: An Improved Biopsy Punch, 880.

Adenoma of the Pancreas, 363.

ALLEN, ARTHUR W.; Gastric Resection for Duodenal Ulcer, 530.

ALTEMEIER, WILLIAM A.: Heus Following Fractured Ribs, 32; Infected Burns with Hemorrhage, 1118.

Amino-Acids, Intravenous Injections of, in Postoperative Patients, (Hydrolyzed Casein), 1160.Ampullary Region, The Surgery of Carcinoma of the Pancreas and, 1066.

Amputation, Hindquarter (Interinnomino-Abdominal), 628; Interinnomino-Abdominal, 435.

Anatomy of the Attachments of the Diaphragm; Their Relation to the Problems of the Surgery of Diaphragmatic Hernia, 745.

Andrews, William DeWitt: Tests of Hepatic and Pancreatic Function in the Differential Diagnosis and Preparation of Patients with Lesions of the Biliary Tract, 1015.

Anesthesia Infiltration with Controlled Fractional Spinal; Controlled Fractional Spinal Combined with Infiltration, 156; Spinal, Paralysis Following, Abducens Nerve (VI), 864.

Angina Pectoris, Reflexes Originating in the Common Duct Giving Rise to Pain Simulating, 1055.

Ankle Joint, Neuropathic Arthropathy of the, Resulting from Complete Severance of the Sciatic Nerve, 267.

Ankles, Sprained, 654.

Annals of Surgery Notice of Spanish Edition, 881.

Anomalous Distribution of the Extrahepatic Biliary Ducts, 472.

Antisepsis, Intestinal, with Sulfonamides, 829.

Aorta, Successful Experimental Ligation and Division of the Thoracic, 596.

Appelbaum, Emanuel: Masked Hyperthyroidism, 184.

Appendicitis in Infants and Children, 945.

Appendiceal Peritonitis, The Management of— With Special Reference to Operative Handling of the Localized Abscess, 228.

Appendix, Congenital Malformations of the— A Familial Disease, 21.

Arteriosclerosis, Peripheral, 292.

Arthropathy of the Ankle Joint Resulting from Complete Severance of the Sciatic Nerve, Neuropathic, 267.

Autoplastic Transplantation of Splenic Tissue, in Man, Following Traumatic Rupture of the Spleen, 84.

Award, Urology, 291.

#### B

Baker, D. D. L.: Anatomy of the Attachments of the Diaphragm: Their Relation to the Problem of the Surgery of Diaphragmatic Hernia, 745.

Bancroft, Frederic W.: Improved Methods in Extremity Amputations for Diabetic Gangrene, 621.

BEACH, Asa: Sebaceous Gland Carcinoma, 258.

Beck, Claude S.: Further Observations on Stah Wounds of the Heart, 698.

Bell, Joseph C.: Sarcoma of the Small Intestine, 544.

Benign Multiple Chorionic Villi Implants in Peritoneal Cavity Accompanied by Hemoperitoneum, An Unusual Case of, 93.

Benson, Clifford D.: Appendicitis in Infants and Children: A Fifteen-Year Study, 945.

Bile Peritonitis, 240.

Biliary Ducts, Anomalous Distribution of the Extrahepatic, 472; Fistula, Spontaneous Internal, 1043; Surgery, Vitallium Tubes in, 1031; Tract, Tests of Hepatic and Pancreatic Function in the Differential Diagnosis and Preparation of Patients with Lesions of the, 1015.

BINGHAM, C. T.: Adenoma of the Pancreas, 363.

Biopsy Punch, An Improved, 88o.

BISGARD, J. DEWEY: The Mechanism of Action of Roentgenotherapy upon Infection, 996. Black Widow Spider Bite, 249.

BLALOCK, ALFRED: The Uniform Production of Experimental Shock by Crush Injury: Possible Relationship to Clinical Crush Syndrome, 684.

Blood Histamine in Cases of Burns, Studies on the, 390; Substitutes in the Army, Procurement and Use of, 1152.

BOLAND, FRANK K.: Vitamin Deficiency as a Factor in the Etiology of Surgical Diseases of the Digestive System, 939.

Bone Graft Methods in Bone and Joint Surgery. Choice of, 427.

BOOK REVIEW: Skin Grafting, Reviewed by Walter Estell Lee, 720.

BOOKS RECEIVED: 159.

Bowers, Ralph F.: Surgical Treatment of Malignant Lesions of the Sigmoid-With Extension, o86.

Bradley, E.: Intravenous Injections of Amino-Acids (Hydrolyzed Casein) in Postoperative Patients, 1160.

Brady, Leo: The Treatment of Trichomonas Vaginalis Vaginitis, with the Lactobacillus, 840.

Brain Abscess: of Uncommon Origin—Relation to Osteomyelitis of the Skull, 336; The Effect of the Sulfonamides on the Prevention of Experimental, 39.

Breast, Metastatic Tumors in the. 47.

Breidenbach, Lester: Masked Hyperthyroidism. 184.

BRIGGS, CRENSHAW D.: Malignant Tumors of Synovial Origin, 413.

Brown, James Barrett: Epithelial Healing And The Transplantation of Skin, 1166; Massive Repairs of Burns with Thick Split-Skin Grafts, 6c8

Brown, Roswell K.: Rupture of the Colon by Compressed Air, 13.

Browne, J. S. L.: Studies on the Blood Histamine in Cases of Burns, 390.

Bruger, Maurice: Iodine Metabolism in Thyroid Disease, 206.

Brunschwig, Alexander: Postoperative Nitrogen Loss and Studies on Parenteral Nitrogen Nutrition by Means of Casein Digest, 1091.

Burns, A Simple Method for Estimating Plasma Protein Deficit After Severe, 1125; Clinical and Experimental Studies with the Koch Method of Treatment of Heat, 1106; Massive Repairs of, with Thick Split-Skin Grafts, 658; Recent Trends in the Therapy of, 1131; Studies on the Blood Histamine in Cases of, 390; The Local Treatment of Thermal, 1140; with Hemorrhage, Infected, 1118.

Bush, Jasper D.: Autoplastic Transplantation of Splenic Tissue, in Man, Following Traumatic Rupture of the Spleen, 84. C

Calcified Intracerebral Hematoma, 465.

Calculi, Ureteral, The Management of, 369.

Cancer: of the Rectum, Extension of the Border Line of Operability in, 566; Studies on Prostatic, 1192.

CANNADAY, JOHN E.: The Use of the Cutis Graft in the Repair of Certain Types of Incisional Herniae and other Conditions, 775.

CANTOR, MEYER O.: A Study of the Weight of the Celiac Ganglion and its Relationship to Essential Hypertension, 400.

Carcinoma of the Pancreas: and Ampullary Region, Surgery of, 1066; Obstructive Jaundice Due to: The Choice of Operative Procedure, 25; Ulcerating? or Carcinomatous Ulcer, Gastric Ulcer, 521; Sebaceous Gland, 258.

Carcinomatous Ulcer or Ulcerating Carcinoma? Gastric Ulcer, 521.

CAROTHERS, RALPH G.: Sprained Ankles, 654.

CARTER, B. N.: Infected Burns with Hemorrhage, 1118.

Casein, Hydrolyzed, Intravenous Injections of Amino-Acids in Postoperative Patients, 1160.

Catgut and Preserved Ox Fascia Lata Strips, Tissue Reaction to Ribbon, 1186; Sensitivity and Its Relation to Wound Healing, The Problem of, 141.

CATTELL, RICHARD B.: Closure of Ileostomy in Ulcerative Colitis, 956.

Celiac Ganglion and its Relationship to Essential Hypertension, A Study of the Weight of the, 400.

CHARACHE, HERMAN: Metastatic Tumors in the Breast, 47.

Children and Infants, Appendicitis in, 945; Diaphragmatic Hernia of, 705.

Chin and Jaw, Deformed, 869.

Choice of Bone Graft Methods in Bone and Joint Surgery, 427.

Chorionic Villi Implants in Peritoneal Cavity Accompanied by Hemoperitoneum, An Unusual Case of Benign Multiple, 93.

CHURCHILL, EDWARD D.: Transthoracic Resection of Tumors of the Stomach and Esophagus, 897.

CLARK, DWIGHT E.: Postoperative Nitrogen Loss and Studies on Parenteral Nitrogen Nutrition by Means of Casein Digest, 1091.

Clinical and Experimental Studies with the Koch Method of Treatment of Heat Burns, 1106.

Closure of Heostomy in Ulcerative Colitis, 956.

COLEMAN, CLAUDE C.: Treatment of Compound

COLEMAN, CLAUDE C.: Treatment of Compound Fractures of the Skull, 507.

Collis, Closure of Heostomy in Ulcerative, 956.
Collins, Joseph D.: A Method of Disposal of the
Sac in Operations for Oblique Inguinal Hernia,

Colon, Rupture of the, by Compressed Air, 13.

761.

- Combined Infiltration Anesthesia with Controlled Fractional Anesthesia in Substandard Risks, 166.
- Compound Fractures of the Skull, Treatment of, 597,
- COMROE, JULIUS H., JR.: Correspondence, 160.
- Congenital Absence of the Gallbladder, Surgical Aspect of the, 7,36; Malformations of the Appendix—A Familial Disease, 21.
- CORRESPONDENCE, on Tumors of the Carotid Bodies, B Julius H. Comroe, Jr., 160,
- CONVERSE, JOHN MARQUIS: Early Skin Grafting in War Wounds of the Extremities, 321.
- CRAIN, ALFRED P.: Acute Hematogenous Osteomyelitis, 790.
- Cutis, Graft in the Repair of Certain Types of Incisional Herniae and other Conditions, The Use of, 775.

#### D

- Dandy, Walter E.: Recent Advances in the Diagnosis and Treatment of Ruptured Intervertebral Disks, 514.
- DAVID, VERNON C.: Extension of the Border Line of Operability in Cancer of the Rectum, 566.
- DAVISON, CHARLES: Brain Abscess of Uncommon Origin—Relation to Osteomyelitis of the Skull, 336.
- Defense of Human Body Against Living Mammalian Cells, 883.
- Deformed Chin and Jaw, 869.
- Desmoid Tumors, 114.
- Diaphragm, Anatomy of the Attachments of the, 745. Relation to the Problems of the Surgery of Diaphragmatic Hernia, 745.
- Diaphragmatic Hernia of Children, 705.
- Digestive System, Vitamin Deficiency as a Factor in the Etiology of Surgical Diseases of the, 939.
- Disarticulation of the Hip for Endothelioma (Ewing's Tumor): 31-Year Follow-Up, 318.
- Diseases of the Digestive System, Vitamin Deficiency as a Factor in the Etiology of Surgical, 939-
- Dislocation of the Shoulder, An Operative Treatment for Recurrent, 441.
- Dislocations, Subtalar, 445.
- Diverticulitis of the Sigmoid, Experiences with the Surgical Management of, 969.
- Division of Professional Service, Activities of, Report on, 892.
- Dixon, W. C.: Retrovaginal Hernia, 782.
- Dobson, Leonard: The End-Results of Thyroid-
- DOCKERTY, MALCOLM B.: Krukenberg's Tumors.
- Ducts, Anomalous Distribution of the Extrahepatic
- DUNCAN, GEORGE W.: The Uniform Production of Experimental Shock by Crush Injury: Pos-

- sible Relationship to Clinical Crush Syndrome,
- Duodenal Ulcer, Gastric Resection for, 530.
- Downs, T. McKean: Congenital Malformations of the Appendix—A Familial Disease, 21.
- DWINELLE, J. H.: Rupture of the Colon by Compressed Air, 13.

#### E

- Early Skin Grafting in War Wounds of the Extremities, 321.
- Eckerson, Edwin B.: Iodine Metabolism in Thyroid Disease, 206.
- Effect of Removal of Malignant Thymic Tumor in a Case of Myasthenia Gravis, 586; of the Sulfonamides on the Prevention of Experimental Brain Abscess, 39.
- Eggers, Carl: Cardiospasm, 215.
- EISENSTEIN, VICTOR W.: Brain Abscess of Uncommon Origin—Relation to Osteomyelitis of the Skull. 336.
- ELMAN, R.: Intravenous Injections of Amino-Acids (Hydrolyzed Casein) in Postoperative Patients, 1160.
- End-Results of Thyroidectomy, 199.
- Epithelial Healing and the Transplantation of Skin, 1166.
- Esophagus, Transthoracic Resection of Tumors of the Stomach and, 897.
- Estrogenic Substances in the Pre- and Postoperative Treatment of Hyperthyroidism, 821.
- EVERETT, CLYDE: Anomalous Distribution of the Extrahepatic Biliary Ducts, 472.
- Experiences with the Surgical Management of Diverticulitis of the Sigmoid, 969.
- Experimental Ligation and Division of the Thoracic Aorta, Successful, 596; Shock by Crush Injury, the Uniform Production of Possible Relationship to Clinical Crush Syndrome, 684; Studies with the Koch Method of Treatment of Heat Burns, Clinical and, 1106.
- Extrahepatic Biliary Ducts, Anomalous Distribution of the, 472.
- Extremities, Early Skin Grafting in War Wounds of the, 321.
- Extension of the Border Line of Operability in Cancer of the Rectum, 566.

# E.

- Fuller, Allen G.: Improved Methods in Extremity Amputations for Diabetic Gangrene, 621.
- FINNEY, GEORGE G.: The Surgical Aspect of Congenital Absence of the Gallbladder, 736.
- FIROR, WARFIELD M.: Intestinal Antisepsis with Sulfonamides, 829.
- Fistula, Spontaneous Internal Biliary, 1043.
- FORSYTHE, RICHARD: Lateral Aberrant Thyroids,

Foss, Harold L.: Intestinal Obstruction from Gallstones, 721.

Fractured Ribs, Heus Following, 32.

Fractures of the Skull, Treatment of Compound, 507.

Frank, L. Wallace: Sarcoma of the Small Intestine, 544.

FRANTZ, V. KNEELAND: Lateral Aberrant Thyroids, 161.

FRIEDMAN, E. D.: Brain Abscess of Uncommon Origin—Relation to Osteomyelitis of the Skull, 336.

#### G

Gallbladder, Surgical Aspect of Congenital Absence of the, 736.

Gallstones, Intestinal Obstruction from, 721.

Ganglion and its Relationship to Essential Hypertension, A Study of the Weight of the Celiac. 400.

Gangrene, Gas, 609.

GARLOCK, JOHN H.: Obstructive Jaundice Due to Carcinoma of the Pancreas: The Choice of Operative Procedure, 25.

Gas Gangrene, 600.

Gases Complicating Abdominal Surgery. The Problem of Intestinal, 921.

Gastric Polyposis, 356; Resection for Duodenal Ulcer, 530; Ulcer, Carcinomatous Ulcer or Ulcerating Carcinoma?, 521.

Gastro-intestinal Tract, Primary, Solitary Lymphoid Tumors of the, 1.

Gerber, Leon: Peripheral Arteriosclerosis, 292.
Ghormley, Ralph K.: Choice of Bone Graft
Methods in Bone and Joint Surgery, 427.

GIBB, WILLIAM T.: Gastric Polyposis, 356.

GILCHRIST, R. K.: Extension of the Border Line of Operability in Cancer of the Rectum, 566.

Gland Carcinoma, Sebaceous, 258; Hemorrhage into the Thyroid, Resulting from Muscular Effort, 469.

Graft, Cutis, in the Repair of Certain Types of Incisional Herniae and other Conditions. The Use of, 775; Methods in Bone and Joint Surgery, Choice of Bone, 427.

Grafting in War Wounds of the Extremities. Early Skin, 321.

Grafts, Massive Repairs of Burns with Thick Split-Skin, 658.

GRAHAM, ROSCOE R.: The Operative Repair of Massive Rectal Prolapse, 1007.

GRANTHAM, EVERETT G.: Calcified Intracerebral Hematoma, 465.

GUDIN, MAURICIO: The Third Phase of Surgery, 452.

GUERRY, LEGRAND: The Management of Appendical Peritonitis: With Special Reference to the

Operative Handling of the Localized Abscess, 228,

#### H

Hamrick, Robert A.: Autoplastic Transplantation of Splenic Tissue, in Man, Following Traumatic Rupture of the Spleen, 84.

HANFORD, JOHN M.: Lateral Aberrant Thyroids,

HARKINS, HENRY N.: The Local Treatment of Thermal Burns, 1140.

HARRINGTON, STUART W.: Diaphragmatic Hernia of Children, 705.

HARVEY, SAMUEL C.: The Surgery of Carcinoma of the Pancreas and Ampullary Region, 1066.

HAYMAN, IRVING R.: Abducens Nerve (VI) Paralysis Following Spinal Anesthesia, 864.

Heart, Further Observations on Stab Wounds of the, 698.

HEEKS, WILLIAM G.: Gastric Polyposis, 356.

Hematogenous Osteomyelitis, Acute, 790.

Hemangioma, Intramammary, 716.

Hematoma, Calcified Intracerebral, 465.

Hemorrhage, Infected Burns with, 1118; into the Thyroid Gland Resulting from Muscular Effort, 469.

Hepatic and Pancreatic Function in the Differential Diagnosis and Preparation of Patients with Lesions of the Biliary Tract, Tests of, 1015.

Hernia of Children, Diaphragmatic, 705; Diaphragmatic, 745; Inguinal, An Operation for the Cure of, 756; Retrovaginal, 782.

Herniae, Incisional, and other Conditions, The Use of Cutis Graft in the Repair of Certain Types of, 775.

HEWITT, JOHN F.: Successful Experimental Ligation and Division of the Thoracic Aorta, 596.

Higgins, Charles C.: The Management of Ureteral Calculi, 369.

Hindquarter Amputation, Interinnomino-Abdominal, 628.

HINTON, J. WILLIAM: Iodine Metabolism in Thyroid Disease, 206.

Hip, Disarticulation of the for Endothelioma, (Ewing's Tumor) 31-Year Follow-Up, 318.

Histamine in Cases of Burns, Studies on the Blood, 390.

HOUSTON, FORREST GISH: The Problem of Intestinal Gases Complicating Abdominal Surgery, 921.

HSIEH, CHIH-KUANG: Primary Reticulum Cell Sarcoma of Bone, 280.

Huggins, Charles: Studies on Prostatic Cancer,

HUNT, HOWARD B.: The Mechanism of Action of Roentgenotherapy upon Infection, 996.

Hypertension, A Study of the Weight of the Celiac Ganglion and its Relationship to Essential, 400. Hyperthyroidism, Masked, 184; The Use of Estrogenic Substances in the Pre- and Postoperative Treatment of, 821.

#### I

Heostomy in Ulcerative Colitis, Closure of, 956. Heus Following Fractured Ribs, 32.

Implants, Benign Multiple Chorionic Villi, in Peritoneal Cavity Accompanied by Hemoperitoneum, An Unusual Case of, 93.

Improved Biopsy Punch, 88o.

Incisional Herniae and other Conditions, The Use of Cutis Graft in the Repair of Certain Types of, 775.

Infants and Children, Appendicitis in, 945.

Infected Burns with Hemorrhage, 1118.

Infection. The Mechanism of Action of Roentgenotherapy upon, 996; The Treatment of Severe Staphylococcal, with Specific Type-A Antibacterial Serum, 308.

Inguinal Hernia, A Method of Disposal of the Sac in Operations for Oblique, 761; An Operation for the Cure of the, 756.

Injury, The Uniform Production of Experimental Shock by Crush—Possible Relationship to Clinical Crush Syndrome, 684.

Interinnomino-Abdominal Amputation, 435; (Hind-quarter Amputation), 628.

Intestinal Antisepsis with Sulfonamides, 829; Gases Complicating Abdominal Surgery, Problem of, 921; Obstruction from Gallstones, 721.

Intestine Obstruction, Small, 935; Sarcoma of the Small, 544.

Intra-abdominal Rupture of Retroperitoneal Tuberculous Lymph Node, 477.

Intracerebral Hematoma, Calcified, 465.

Intramammary Hemangioma, 716.

Intravenous Injections of Amino-Acids (Hydrolyzed Casein) in Postoperative Patients, 1160.

#### J

Jaundice Due to Carcinoma of the Pancreas, Obstructive: The Choice of Operative Procedure,

Jaw and Chin, Deformed, 869.

JOHNSTON, CHARLES G.: .Small Intestine Obstruction: A Five-Year Study, 935.

Joint, Neuropathic Arthropathy of the Ankle. Resulting from Complete Severance of the Sciatic Nerve. 267; Surgery, Choice of Bone Graft Methods in Bone and, 427.

### K

KENDRICK, JR., MAJOR DOUGLAS B.: The Procurement and Use of Blood Substitutes in the Army, 1152.

Kernwein, Graham: Neuropathic Arthropathy of the Ankle Joint Resulting from Complete Severance of the Sciatic Nerve, 267. KERR, HARRY HYLAND: Presidential Address, "Once Again" 481.

KING, JOSEPH E. J.: Oxycephaly, 488.

KIRBY-SMITH, H. T.: Black Widow Spider Bite, 249.

KITLOWSKI, EDWARD A.: The Surgical Correction of Mandibular Prognathism, 647.

KNAPP, GEORGE M.: Varicose Veins, 131.

Koch Method of Treatment of Heat Burns, Clinical and Experimental Studies with the, 1106.

KOONTZ, AMOS R.: Tissue Reaction to Ribbon Catgut And Preserved Ox Fascia Lata Strips, 1186. Krukenberg's Tumors, 102.

#### L

Lactobacillus, The Treatment of Trichomonas Vaginalis Vaginitis with the, 846.

LAKE, MICHAEL: Tests of Hepatic and Pancreatic Function in the Differential Diagnosis and Preparation of Patients with Lesions of the Biliary Tract, 1015.

LANGSTON, H. T.: The Problem of Catgut Sensitivity and its Relation to Wound Healing, 141.
Lateral Aberrant Thyroids, 161.

LAZARUS, JOSEPH A.: An Unusual Case of Benign Multiple Chorionic Villi Implants in Peritoneal Cavity Accompanied by Hemoperitoneum. 93.

Lee. Walter Estell: A Simple Method for Estimating Plasma Protein Deficit After Severe Burns, 1125; Recent Trends In The Therapy of Burns, 1131; Review of Skin Grafting, by, 720; The Advantages of Combining Local Inflitration Anesthesia with Controlled Fractional Spinal Anesthesia in Substandard Surgical Risks, 156.

Leffel, James M.: Krukenberg's Tumors, 102.

Lehman, Edwin P.: Annular Pancreas as a Clinical Problem, 574.

Lesions of the Biliary Tract, Tests of Hepatic and Pancreatic Function in the Differential Diagnosis and Preparation of Patients with, 1015; of the Sigmoid, Surgical Treatment of Malignant, 986.

Ligation and Division of the Thoracic Aorta, Successful Experimental, 596.

Living Mammalian Cells, Defense of the Human Body Against, 883.

Lisco, Hermann: Malignant Tumors Developing in Sacrococcygeal Teratomata, 378.

Liver in Preoperative Care, The Rôle of the, 148. Local Treatment of Thermal Burns, 1140.

LORD, JERE W.: Tests of Hepatic and Pancreatic Function in the Differential Diagnosis and Preparation of Patients with Lesions of the Biliary Tract, 1015.

LULENSKI, C. R.: Primary, Solitary Lymphoid Tumors of the Gastro-intestinal Tract, 1.

Lymph Node, Intra-abdominal Rupture of Retroperitoneal Tuberculous, 477. Lymphoid Tumors of the Gastro-intestinal Tract, Primary, Solitary, 1.

Lyon, W. F.: Neuropathic Arthropathy of the Ankle Joint Resulting from Complete Severance of the Sciatic Nerve, 267.

#### M

MACUMBER, HAROLD E.: Anomalous Distribution of the Extrahepatic Biliary Ducts, 472.

Mahorner, Howard: Acute Hematogenous Osteomyelitis, 790.

MAJOR, ROBERT C.: Neoplasms of the Bony Thoracic Wall, 5 t.

Malformations of the Appendix, Congenital—A Familial Disease, 21.

Malignant Tumors of Synovial Origin, 413; Developing in Sacrococcygeal Teratomata, 378.

Management of Appendiceal Peritonitis: With Special Reference to the Operative Handling of the Localized Abscess. 228; Diverticulitis, 969; Ureteral Calculi, 369.

Mandibular Prognathism, The Surgical Correction of, 647.

Markley, George M.: The Effect of the Sulfonamides on the Prevention of Experimental Brain Abscess, 39.

MARINO, A. W. MARTIN: Technic of Tattooing with Mercury Sulfide for Pruritus Ani, 126.

Massive Repairs of Burns with Thick Split-Skin Grafts, 658.

Masson, James C.: Krukenberg's Tumors, 102.

Mastectomy, Skin Removal In Radical, 1182,

MASTIN, E. VERNON: An Operation for the Cure of Inguinal Hernia, 756.

Masked Hyperthyroidism, 184.

MAYO, CHARLES W.: Desmoid Tumors, 114.

McCutchen, George T.: The Management of Appendiceal Peritonitis: With Special Reference to the Operative Handling of the Localized Abscess, 228.

McDowell, Frank: Epithelial Healing And The Transplantation of Skin, 1166; Massive Repairs of Burns with Thick Split-Skin Grafts, 658.

McNamee, Harry G.: The Treatment of Severe Staphylococcal Infection with Specific Type-A Antibacterial Serum, 308.

Mechanism of Action of Roentgenotherapy upon Infection, 996.

MELICK, DERMONT W.: Nylon Suture, 475.

Memorial Collection for Dr. John B. Deaver, 480.
Mercury Sulfide for Pruritus Ani, Technic of Tattooing with, 126.

Metastatic Tumors in the Breast, 47.

Method of Disposal of the Sac in Operations for Oblique Inguinal Hernia, 761.

MILLER, A. J.: Sarcoma of the Small Intestine, 544.

MOORE, S. W.: Varicose Veins, 131.

MORTON, JOHN J.: Interinnomino-Abdominal (Hindquarter) Amputation, 628.

MULHOLLAND, JOHN H.: The Rôle of the Liver in Preoperative Care, 148.

Myasthenia Gravis, Effect of Removal of Malignant Thymic Tumor in a Case of, 586.

#### N

Neely, Orvis A.: The Mechanism of Action of Roentgenotherapy upon Infection, 96.

Neoplasms of the Bony Thoracic Wall, 51.

Neuropathic Arthropathy of the Ankle Joint Resulting From Complete Severance of the Sciatic Nerve, 267.

NIELSEN, AAGE: Acoustic Tumors. 849.

Node, Intra-abdominal Rupture of Retroperitoneal Tuberculous Lymph, 477.

NOER, R. J.: Small Intestine Obstruction; A Five-Year Study, 935.

NOTICE, 881.

Nylon Suture. 475.

#### 0

Obstruction from Gallstones, Intestinal, 721; Small Intestine, 935.

Obstructive Jaundice Due to Carcinoma of the Pancreas: The Choice of Operative Procedure, 25.

Observations on Stab Wounds of the Heart, 698.
"Once Again" Presidential Address of Harry H.
Kerr, 481.

Operation for the Cure of Inguinal Hernia, 756.

Operative Repair of Massive Rectal Prolapse, 1007; Treatment for Recurrent Dislocation of the Shoulder, 441.

Osteomyelitis of the Skull, Relation to—Brain Abscess of Uncommon Origin, 336; Hematogenous, Acute, 790.

Oughterson, Ashley W.: The Surgery of Carcinoma of the Pancreas and Ampullary Region, 1066.

OWEN, JOHN K.: The Surgical Aspect of Congenital Absence of the Gallbladder, 736.

OWINGS, JAMES C.: Successful Experimental Ligation and Division of the Thoracic Aorta, 596. Oxycephaly, 488.

#### P

PADGETT, EARL C.: Skin Grafting, Reviewed by Walter Estell Lee, 720.

Pancreas, Adenoma of the, 363; and Ampullary Region, Surgery of Carcinoma of the, 1066; (Annular) as a Clinical Problem, 574; Obstructive Jaundice Due to Carcinoma of the: The Choice of Operative Procedure, 25.

Pancreatic Function in the Differential Diagnosis and Preparation of Patients with Lesions of the Biliary Tract. Tests of Hepatic and, 1015. Paralysis Following Spinal Anesthesia, Abducens Nerve (VI), 864.

PEARMAN, ROBERT O.: Desmoid Tumors, 114.

Pearse, Herman E.: Vitallium Tubes in Biliary Surgery, 1031.

Penberthy, Grover C.: Appendicitis in Infants and Children: A Fifteen-Year Study, 945.

Peripheral Arteriosclerosis, 292.

Peritoneal Cavity, Benign Multiple Chorionic Villi Implants in, Accompanied by Hemoperitoneum. An Unusual Case of, 93.

Peritonitis, Bile, 240.

Plasma Protein Deficit After Severe Burns. Simple Method for Estimating, 1125.

POER, D. HENRY: Effect of Removal of Malignant Thymic Tumor in a Case of Myasthenia Gravis, 586.

Polyposis, Gastric, 356.

Postoperative Nitrogen Loss and Studies of Parenteral Nitrogen Nutrition by Means of Casein Digest, 1991.

Presidential Address by Harvey B. Stone, 883.

Prevention of Experimental Brain Abscess, The Effect of the Sulfonamides on the, 39.

Primary, Solitary Lymphoid Tumors of the Gastrointestinal Tract, 1.

Problem of Catgut Sensitivity and Its Relation to Wound Healing, 141; of Intestinal Gases Complicating Abdominal Surgery, 921.

Procurement and Use of Blood Substitutes in the Army, 1152.

Prognathism, Mandibular, The Surgical Correction of, 647.

Prolapse, Operative Repair of Massive Rectal, 1007.

Pruritis Ani, Technic of Tattooing with Mercury Sulfide for, 126.

Puestow, Charles B.: Spontaneous Internal Biliary Fistula, 1043.

Punch, An Improved Biopsy, 88o.

#### Q

QUARRIER, S. S.: Adenoma of the Pancreas, 363.

#### R

RANKIN, Col. Frederick: Report on Activities of Division of Professional Service, 892.

RAVDIN, J. S.: Reflexes Originating in the Common Duct Giving Rise to Pain Simulating Angina Pectoris, 1055.

Recent Advances in the Diagnosis and Treatment of Ruptured Intervertebral Disks, 514; Trends In The Therapy Of Burns, 1131.

Rectal Prolapse, Operative Repair of Massive. 1007.

Rectum, Extension of the Border Line of Operability in Cancer of the, 566.

Reflexes Originating in the Common Duct Giving Rise to Pain Simulating Angina Pectoris, 1055. Reid, Mont R.: Clinical and Experimental Studies with the Koch Method of Treatment of Heat Burns, 1106.

Repair of Massive Rectal Prolapse, Operative, 1007.

Resection of Tumors of the Stomach and Esophagus. Transthoracic. 897; for Duodenal Ulcer, Gastric. 530.

Retroperitoneal Tuberculous Lymph Node, Intraabdominal Rupture of, 477.

Retrovaginal Hernia, 782.

Reid, Roger D.: The Treatment of Trichomonas Vaginalis Vaginitis with the Lactobacillus, 840.

RHOADS, JONATHAN: The Advantages of Combining Local Infiltration Anesthesia with Controlled Fractional Spinal Anesthesia in Substandard Surgical Risks, 156.

Ribs, Ileus Following Fractured, 32.

RIVES. J. D.: Anatomy of the Attachments of the Diaphragm: Their Relation to the Problems of the Surgery of Diaphragmatic Hernia, 745.

ROGERS, FUNSTON: The Problem of Intestinal Gases Complicating Abdominal Surgery, 921.

ROGERS, WILLIAM M.; Lateral Aberrant Thyroids, 161.

Rôle of the Liver in Preoperative Care. 148.

Rose, Bram: Studies on the Blood Histamine in Cases of Burns, 390.

Rose, Hugh: The End-Results of Thyroidectomy, 199.

ROYSTER, H. P.: Reflexes Originating in the Common Duct Giving Rise to Pain Simulating Angina Pectoris, 1055.

RUGGIERO, WILFRED F.: Improved Methods in Extremity Amputations for Diabetic Gangrene, 621.

Rupture of the Colon by Compressed Air, 13; of Retroperitoneal Tuberculous Lymph Node, Intra-abdominal, 477; of the Spleen, Autoplastic Transplantation of the Splenic Tissue, in Man, Following Traumatic, 84.

Ruptured Intervertebral Disks, Recent Advances in the Diagnosis and Treatment of, 514.

RYAN, WILLIAM JOHN: Hemorrhage into the Thyroid Gland Resulting from Muscular Effort, 469.

#### S

Sabatier, Joseph: The Use of Estrogenic Substances in the Pre- and Postoperative Treatment of Hyperthyroidism, 821.

Sacrococcygeal Teratomata, Malignant Tumors Developing in, 378.

Sallick, Myron A.: Obstruction Jaundice Due to Carcinoma of the Pancreas: The Choice of Operative Procedure, 25.

Saltonstall, H.: Recent Trends in the Therapy of Burns, 1131.

SANDERS, GEORGE B.: Reflexes Originating in the

Common Duct Giving Rise to Pain Simulating Angina Pectoris, 1055.

Sarcoma of the Small Intestine, 544.

Scher, Samuel L.: The Deformed Chin and Jaw. 869.

Schiffen, Arthur: An Unusual Case of Benign Multiple Implants in Peritoneal Cavity Accompanied by Hemoperitoneum, 93.

Schindler, M.: An Improved Biopsy Punch, 880. Schlossmann, Nathaniel C.: Peripheral Arteriosclerosis. 202.

Sciatic Nerve, Neuropathic Arthropathy of the Ankle Joint Resulting from Complete Severance of the, 267.

Sebaceous Gland Carcinoma, 258.

SEELY, HALL: The End-Results of Thyroidectomy,

Serum, Antibacterial, The Treatment of Severe Staphylococcal Infection with Specific Type-A, 208.

SEVERANCE, A. O.: Sebaceous Gland Carcinoma, 258.

SHAKELFORD, RICHARD T.: Tissue Reaction To Catgut And Preserved Ox Fascia Lata Strips, 1186.

SHERRILL, J. GARLAND: Trends in Surgery, 675.
Shock, The Uniform Production of Experimental.
by Crush Injury: Possible Relationship to Clinical Crush Syndrome, 684.

Shoulder, An Operative Treatment for Recurrent Dislocation of the, 441.

Sigmoid, Experiences with the Surgical Management of Diverticulitis of the, 969; Surgical Treatment of Malignant Lesions of the, 986.

SILER, VINTON E.: Clinical and Experimental Studies with the Koch Method of Treatment of Heat Burns, 1106.

Simple Method for Estimating Plasma Protein Deficit After Severe Burns, 1125.

SINGLETON, ALBERT O.: Splenectomy, 816; The Problem of Intestinal Gases Complicating Abdominal Surgery, 921.

Skin, Epithelial Healing And The Transplantation of Skin, 1166; Grafting in War Wounds of the Extremities, Early, 321; Removal In Radical Mastectomy, 1182.

Skull, Osteomyelitis of the Relation to—Brain Abscess of Uncommon Origin, 336; Treatment of Compound Fractures of, 507.

Small Intestine Obstruction, 935.

SMITH, BEVERLY CHEW: Disarticulation of the Hip for Endothelioma: (Ewing's Tumor): 31-Year Follow-Up, 318.

SMITHWICK, REGINALD H.: Experiences with the Surgical Management of Diverticulities of the Sigmoid, 969.

SMOLIK, EDMUND A.: Calcified Intracerebral Hematoma, 465.

SMYTHE, FRANK WARD: Intramammary Hemangioma, 716.

Sobin, David J.: Interinnomino-Abdominal Amputation, 435.

Sommer, George N. J., Jr.: Neoplasms of the Bony Thoracic Wall, 51.

Spanish Edition of Annals of Surgery, 881, Spider Bite, Black Widow, 249.

Spinal Anesthesia, Paralysis Following, Abducens Nerve (VI), 864.

Spleen, Autoplastic Transplantation of the Splenic Tissue, in Man, Following Traumatic Rupture of the, 84.

Splenectomy, 816.

Splenic Tissue, in Man, Following Traumatic Rupture of the Spleen, Autoplastic Transplantation of, 84.

Spontaneous Internal Biliary Fistula, 1043.

Sprained Ankles, 654.

Stab Wounds of the Heart, Further Observations on, 698.

Staphylococcal Infection with Specific Type-A Antibacterial Serum, Treatment of Severe, 308. Stomach and Esophagus, Transthoracic Resection of Tumors of the, 897.

Stone, Harvey B.: Address of the President: The Defense of the Human Body Against Living Mammalian Cells, 883.

STORCK, AMBROSE H.: The Use of Estrogenic Substances in the Pre- and Postoperative Treatment of Hyperthyroidism, 821.

Studies on the Blood Histamine in Cases of Burns, 390; on Parenteral Nitrogen Nutrition by Means of Casein Digest, Postoperative Nitrogen Loss and, 1091; on Prostatic Cancer, 1192; with the Koch Method of Treatment of Heat Burns, Clinical and Experimental, 1106.

Studley, Hiram O.; Intra-abdominal Rupture of Retroperitoneal Tuberculous Lymph Node, 477. Study of the Weight of the Celiac Ganglion and

its Relationship to Essential Hypertension, 400. Subtalar Dislocations, 445.

Successful Experimental Ligation and Division of the Thoracic Aorta, 596.

Sulfonamides, Intestinal Antisepsis with, 829; on the Prevention of Experimental Brain Abscess, The Effect of the, 39.

Summers, J. Dent: Intestinal Obstruction from Gallstones, 721.

Surgery of Carcinoma of the Pancreas and Ampullary Region, 1066; The Third Phase of, 452.

Surgical Aspect of Congenital Absence of the Gallbladder, 736; Correction of Mandibular Prognathism, 647; Treatment of Malignant Lesions of the Sigmoid—With Extension, 986.

Suture, Nylon, 475.

SWEET, RICHARD H.: Transthoracic Resection of Tumors of the Stomach and Esophagus, 897.Synovial Origin, Malignant Tumors of, 413. SZUTU, CHAN: Primary Reticulum Cell Sarcoma of Bone, 280.

#### T

- Tattooing with Mercury Sulfide for Pruritis Ani, Technic of, 126.
- Technic of Tattooing with Mercury Sulfide for Pruritis Ani, 126.
- Teratomata, Malignant Tumors Developing in Sacrococcygeal, 378.
- Tests of Hepatic and Pancreatic Function in the Differential Diagnosis and Preparation of Patients with Lesions of the Biliary Tract, 1015.
- Third Phase of Surgery, 452.
- Thoracic Aorta, Successful Experimental Ligation and Division of the, 596; Wall, Neoplasms of the Bony, 51.
- Thymic Tumor in a Case of Myasthenia Gravis, Effect of Removal of Malignant, 586.
- Thyroid Gland, Hemorrhage into the. Resulting from Muscular Effort, 469.
- Thyroidectomy, End-Results of, 199.
- Thyroids, Lateral Aberrant, 161.
- Tissue, Autoplastic Transplantation of Splenic, 84; Reaction to Catgut and Preserved Ox Fascia Lata Strips, 1186.
- Tract, Primary, Solitary Lymphoid Tumors of the Gastro-intestinal, 1.
- Transplantation of Splenic Tissue, in Man, Following Traumatic Rupture of the Spleen, Autoplastic, 84.
- Transthoracic Resection of Tumors of the Stomach and Esophagus, 897.
- Traumatic Rupture of the Spleen, Autoplastic Transplantation of Splenic Tissue, in Man, Following, 84.
- Treatment of Compound Fractures of the Skull, 507; of Malignant Lesions of the Sigmoid. Surgical, 986; of Ruptured Intervertebral Disks, Recent Advances in the Diagnosis and, 514; of Severe Staphylococcal Infection with Specific Type-A Antibacterial Serum, 308; of Thermal Burns, The Local, 1140; of Trichomonas Vaginalis Vaginitis with the Lactobacillus, 840; of Heat Burns, Clinical and Experimental Studies with the Koch Method of, 1106; of Hyperthyroidism, The Use of Estrogenic Substances in the Pre- and Postoperative, 821; for Recurrent Dislocation of the Shoulder, An Operative, 441.
- Trends in Surgery, 675.
- Trichomonas Vaginalis Vaginitis with the Lactobacillus, The Treatment of, 840.
- Tuberculous Lymph Node, Intra-abdominal Rupture of Retroperitoneal, 477.
- Tumor, Ewing's (Disarticulation of the Hip for Endothelioma) 31-Year Follow-Up, 318; Thymic, in a Case of Myasthenia Gravis, Effect of Removal of Malignant, 586.

- Tumors, Acoustic, 849; Desmoid, 114; Developing in Sacrococcygeal Teratomata, Malignant, 378; in the Breast, Metastatic, 47; Krukenberg's, 102; of the Gastro-intestinal Tract, Primary, Solitary Lymphoid, 1; of the Stomach and Esophagus, Transthoracic Resection of, 897; of Synovial Origin, Malignant, 413.
- TURRELL, ROBERT: Technic of Tattooing with Mercury Sulfide for Pruritus Ani, 126.

#### U

- Ulcer, Carcinomatous, or Ulcerating Carcinoma? Gastric Ulcer. 521; Gastric Resection for Duodenal, 530.
- Ulcerative Colitis, Closure of Ileostomy in, 956. Uniform Production of Experimental Shock by Crush Injury; Possible Relationship to Clinical Crush Syndrome, 684.
- Unusual Case of Benign Multiple Chorionic Villi Implants in Peritoneal Cavity Accompanied by Hemoperitoneum, 93.
- Ureteral Calculi, The Management of, 369.
- Urology Award, 291.
- Use of the Cutis Graft in the Repair of Certain Types of Incisional Herniae and other Conditions, 775; of Estrogenic Substances in the Pre- and Postoperative Treatment of Hyperthyroidism. 821.

- Vaginalis Vaginitis, Trichomonas, with the Lactobacillus, The Treatment of, 840.
- Vaginitis. Trichomonas Vaginalis with the Lactobacillus, The Treatment of, 840.
- Varicose Veins, 131.
- Veins, Varicose, 131.
- Villi Implants in Peritoneal Cavity Accompanied by Hemoperitoneum, An Unusual Case of Benign Multiple Chorionic, 93.
- Vitallium Tubes in Biliary Surgery, 1031.
- Vitamin Deficiency as a Factor in the Etiology of Surgical Diseases of the Digestive System, 939.

## W

- WADSWORTH, GEORGE H.: Ileus Following Fractured Ribs, 32.
- WAHL, STEPHEN: An Operative Treatment for Recurrent Dislocation of the Shoulder, 441.
- WALTERS, WALTMAN: Gastric Ulcer, Carcinoma tous Ulcer or Ulcerating Carcinoma?, 521.
- War Wounds of the Extremities, Early Skin Grafting in, 321.
- WARREN, SHIELDS: Primary, Solitary Lymphoid Tumors of the Gastro-intestinal Tract, 1.
- WARTHEN, HARRY J.: Gas Gangrene, 609.
- WEINER, D. O .: Intravenous Injections of Amino-

- Acids (Hydrolyzed Casein) in Postoperative Patients, 1160.
- Weinstein, M. L.: An Improved Biopsy Punch, 880.
- Welch, Claude E.: Gastric Resection for Duodenal Ulcer, 530.
- Weller, Charles N.: Appendicitis in Infants and Children: A Fifteen-Year Study, 945.
- WHITE, WILLIAM CRAWFORD: Skin Removal In Radical Mastectomy, 1182.
- WHITTAKER, ALFRED H.: Interinnomino-Abdominal Amputation, 435.

- WISE, ROBERT A.: Subtalar Dislocations.
- WOLFF, WILLIAM A.: A Simple Method for Estimating Plasma Protein Deficit After Severe Burns, 125; Recent Trends in the Therapy Of Burns, 1131.
- Wood, Paul M.: Abducens Nerve (VI) Paralysis Following Spinal Anesthesia, 864,
- Wound Healing, The Problem of Catgut Sensitivity and Its Relation to, 141,
- Wounds of the Extremities, Early Skin Grafting in War, 321; of the Heart, Further Observations on Stab, 698.

